



Product Information Packet

JPM3154T

1.5HP,1760RPM,3PH,60HZ,145JP,3519M,OPSB

Part Detail							
Revision:	F	Status:	INA/A	Change #:		Proprietary:	No
Type:	AC	Elec. Spec:	35WGP800	CD Diagram:	CD0005	Mfg Plant:	
Mech. Spec:	35R432	Layout:	35LYR432	Poles:	04	Created Date:	06-02-2010
Base:	RG	Eff. Date:	03-08-2016	Leads:	9#18		

Specs			
Catalog Number:	JPM3154T	Insulation Class:	B
Enclosure:	ODP	Inverter Code:	Not Inverter
Frame:	145JP	KVA Code:	L
Frame Material:	Steel	Lifting Lugs:	No Lifting Lugs
Output @ Frequency:	1.500 HP @ 60 HZ	Locked Bearing Indicator:	Locked Bearing
Synchronous Speed @ Frequency:	1800 RPM @ 60 HZ	Motor Lead Quantity/Wire Size:	9 @ 18 AWG
Voltage @ Frequency:	460.0 V @ 60 HZ	Motor Lead Exit:	Ko Box
	230.0 V @ 60 HZ	Motor Lead Termination:	Flying Leads
	208.0 V @ 60 HZ	Motor Type:	3519M
XP Division:	Not Applicable	Mounting Arrangement:	F1
Agency Approvals:	CSA	Power Factor:	69
	UR	Product Family:	General Purpose
Auxillary Box:	No Auxillary Box	Pulley End Bearing Type:	Ball
Auxillary Box Lead Termination:	None	Pulley Face Code:	C-Face
Base Indicator:	RG	Pulley Shaft Indicator:	Tapped & Key
Bearing Grease Type:	Polyrex EM (-20F +300F)	Rodent Screen:	Included
Blower:	None	Shaft Extension Location:	Pulley End
Current @ Voltage:	2.400 A @ 460.0 V	Shaft Ground Indicator:	No Shaft Grounding

	4.800 A @ 230.0 V	Shaft Rotation:	Reversible
	5.200 A @ 208.0 V	Shaft Slinger Indicator:	Shaft Slinger
Design Code:	B	Speed Code:	Single Speed
Drip Cover:	No Drip Cover	Motor Standards:	NEMA
Duty Rating:	CONT	Starting Method:	Direct on line
Electrically Isolated Bearing:	Not Electrically Isolated	Thermal Device - Bearing:	None
Feedback Device:	NO FEEDBACK	Thermal Device - Winding:	None
Front Face Code:	Standard	Vibration Sensor Indicator:	No Vibration Sensor
Front Shaft Indicator:	None	Winding Thermal 1:	None
Heater Indicator:	No Heater	Winding Thermal 2:	None

Nameplate NP1256L

CAT.NO.	JPM3154T										
SPEC.	35R432P800H1										
HP	1.5										
VOLTS	208-230/460										
AMP	5.2-4.8/2.4										
RPM	1760										
FRAME	145JP				HZ		60			PH	3
SER.F.	1.15		CODE		L	DES		B	CLASS		B
NEMA-NOM-EFF	84			PF		69					
RATING	40C AMB-CONT										
CC	010A			USABLE AT 208V							
DE	6206			ODE		6203					
ENCL	OPSB		SN								

Parts List		
Part Number	Description	Quantity
SA197652	SA 35R432P800H1	1.000 EA
RA185036	RA 35R432P800H1	1.000 EA
NS2512A01	INSULATOR, CONDUIT BOX X	1.000 EA
35CB3007	35 CB CASTING W/.88 DIA. LEAD HOLE	1.000 EA
51XB1016A07	10-16 X 7/16 HXWSSLD SERTYB	2.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
HW3001B01	BRASS CUP WASHER, FOR #10 SCREW	1.000 EA
35EP3209A00	FREP ASSEMBLY FOR ROUTING	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
HA1100A03	SCREEN, RODENT	1.000 EA
51XT1032A04	10-32X1/4 HX WA SL SR TYT (F/S)	4.000 EA
51XN1032A20	10-32 X 1 1/4 HX WS SL SR	2.000 EA
HW5100A03	WAVY WASHER (W1543-017)	1.000 EA
35EP3401A03	PU ENDPLATE -OPEN W/SCREENS & GREASER W/	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
HA1102A08	RODENT SCREEN 35 OPEN FACE MTD	1.000 EA
51XT1032A04	10-32X1/4 HX WA SL SR TYT (F/S)	4.000 EA
35CB4521	35 LIPPED CB LID (GALV & PHOSPH)	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	4.000 EA
HA1005A02	SLINGER, OD 2.00, ID 1.14, 206 BRG,	1.000 EA
HW2501D14	KEY, 3/16 SQ X 1.500	1.000 EA
HA7000A01	KEY RETAINER 7/8" DIA SHAFT	1.000 EA
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 EA
HW1000A10	#10 FLAT WASHER (SAE)	4.000 EA

Parts List (continued)		
Part Number	Description	Quantity
MJ1000A02	GREASE, POLYREX EM EXXON (USe 4824-15A)	0.050 LB
MG1000G27	MED CHARCOAL METALLIC GREY 400-0096	0.017 GA
HA3100A14	THRUBOLT 10-32 X 7.875	4.000 EA
35AD2005A01	BAFFLE PLATE,MOD 35-SLTD BAND MTRS GL.F.	2.000 EA
LC0005E01	CONN.DIA./WARNING LABEL (LC0005/LB1119N)	1.000 EA
NP1256L	ALUM UL CSA CC INDUSTRIAL MOTOR A60	1.000 EA
G7PA1000	PKG GRP, PRINT PK1034A06	1.000 EA
MN416A01	TAG-INSTAL-MAINT no wire (1200/bx) 5/18	1.000 EA

AC Induction Motor Performance Data

Record # 26025 - Typical performance - not guaranteed values

Winding: 35WGP800-R001	Type: 3520M	Enclosure: OPSB
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Nameplate Data				460 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	1.5			Full Load Torque	4.4 LB-FT
Volts	208-230/460			Start Configuration	direct on line
Full Load Amps	5.2-4.80/2.40			Breakdown Torque	18.86 LB-FT
R.P.M.	1760			Pull-up Torque	12.59 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	14.32 LB-FT
NEMA Design Code	B	KVA Code	L	Starting Current	19.06 A
Service Factor (S.F.)	1.15			No-load Current	1.66 A
NEMA Nom. Eff.	84	Power Factor	69	Line-line Res. @ 25°C	10 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	34°C
S.F. Amps				Temp. Rise @ S.F. Load	39°C
				Locked-rotor Power Factor	53.5
				Rotor inertia	0.118 LB-FT ²

Load Characteristics 460 V, 60 Hz, 1.5 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	29	46	60	69	75	79	73
Efficiency	69.1	79.6	83.6	84.4	84.4	83.8	84.3
Speed	1792	1783	1774	1764	1752	1739	1755
Line amperes	1.72	1.87	2.09	2.37	2.75	3.16	2.6

Performance Graph at 460V, 60Hz, 1.5HP Typical performance - Not guaranteed values





